

Substitute for form 1449A/B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

1

of

1

Application Number

Complete if Known

09/944,849

Filing Date

August 31, 2001

First Named Inventor

Nickoloff et al.

Group Art Unit

1646

Examiner Name

Unassigned

Attorney Docket Number

212583

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U.S. PATENT DOCUMENTS

Examiner Initials	Doc. No.	U.S. Patent Document		Name of Patentee or Applicant	Date of Publication	Filing Date If Appropriate
		Application or Patent Number	Kind Code			
CM	AA	5,637,471		Artavanis-Tsakonas et al.	June 10, 1997	
	AB	5,648,464		Artavanis-Tsakonas et al.	July 15, 1997	
	AC	5,750,652		Artavanis-Tsakonas et al.	May 12, 1998	
	AD	5,780,300		Artavanis-Tsakonas et al.	July 14, 1998	
	AE	5,786,158		Artavanis-Tsakonas et al.	July 28, 1998	
	AF	5,789,195		Artavanis-Tsakonas et al.	Aug. 4, 1998	
	AG	5,849,869		Artavanis-Tsakonas et al.	Dec. 15, 1998	
	AH	5,856,441		Artavanis-Tsakonas et al.	Jan. 5, 1999	
	AI	5,869,282		Ish-Horowicz et al.	Feb. 9, 1999	
	AJ	6,004,924		Ish-Horowicz et al.	Dec. 21, 1999	
	AK	6,083,904		Artavanis-Tsakonas et al.	July 4, 2000	
	AL	6,090,922		Artavanis-Tsakonas et al.	July 18, 2000	
	AM	6,149,902		Artavanis-Tsakonas et al.	Nov. 21, 2000	
an	AN	6,262,025		Ish-Horowicz et al.	Jul. 17, 2001	

FOREIGN PATENT DOCUMENTS

Examiner Initials	Doc. No.	Foreign Patent Document			Name of Patentee or Applicant	Date of Publication	Translation	
		Office	Application or Patent Number	Kind Code			Yes	No**
CM	AO	WO	01/03743	A1	Gehring, Walter and Artavanis-Tsakonas, Spyridon	Jan. 18, 2001		X

OTHER - NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Doc. No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number (s), publisher, city and/or country where published.	Translation	
			Yes	No**

Examiner Signature

Clan M. K.

Date Considered

8/15/03

* A concise statement of relevance is being submitted in lieu of a translation. 37 CFR 1.98(a)(3).

+ An English-language equivalent/patent, or an English-language abstract, or an English-language version of the search report or action by a foreign patent office in a counterpart foreign application indicating the degree of relevance found by the foreign office is being submitted in lieu of a concise explanation of relevance under 37 CFR 1.98(a)(3).

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		Office	Application or Patent Number	Kind Code			Yes	No**
 CEM CU	AP	WO	94/07474	A1	Yale University	Apr. 14, 1994		
	AQ	WO	96/27610	A1	Yale University	Sept. 12, 1996		
	AR	WO	97/11716	A1	Yale University	Apr. 3, 1997		
	AS	WO	97/45143	A1	The National American Red Cross	Dec. 4, 1997		
	AT	WO	98/58958	A2	University of Washington	Dec. 30, 1998		
	AU	WO	00/20576	A2	National Institutes of Health	Apr. 13, 2000		

OTHER - NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Doc. No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number (s), publisher, city and/or country where published.	Translation	
			Yes	No**
CUL	AV	Chaturvedi et al., "Cross-Talk Between Notch Signaling And Two Pathways Regulating Epidermal Differentiation," <i>Journal of Investigative Dermatology</i> , vol. 117, no. 2, 409 (2001) XP-002200903 (Abstract).		
	AW	Gray et al., "Human Ligands of the Notch Receptor," <i>American Journal of Pathology</i> , vol. 154, no. 3, 785-794 (1999) XP-000960906.		
	AX	Johnston et al., "A Family of Mammalian Fringe Genes Implicated in Boundary Determination and the Notch Pathway," <i>Development, Company of Biologists, Cambridge</i> , vol. 124, 2245-2254 (1997) XP-002056732.		
	AY	Liu et al., "Epithelial Expression and Chromosomal Location of Human TLE Genes: Implications for Notch Signaling and Neoplasia," <i>Genomics</i> , vol. 31, no. 1, 58-64 (1996) XP-002081319.		
	AZ	Lowell et al., "Stimulation Of Human Epidermal Differentiation by Delta-Notch Signalling at the Boundaries of Stem-Cell Clusters," <i>Current Biology</i> , vol. 10, no. 9, 491-496 (2000) XP-001040482.		
	BA	Miele et al., "Enhanced Metastatic Ability of TNF- α -Treated Malignant Melanoma Cells is Reduced by Intercellular Adhesion Molecule-1 (ICAM-1, CD54) Antisense Oligonucleotides," <i>Experimental Cell Research</i> , vol. 214, 231-241 (1994) XP-000647841.		
	BB	Nickoloff et al., "Activation of Notch Signaling in Keratinocytes (Kcs) is Necessary and Sufficient to Create Mature Human Epidermis," <i>Journal of Investigative Dermatology</i> , vol. 117, no. 2, 408 (2001) XP-002200904 (Abstract).		
	BC	Rangarajan Annapoorni et al., "Notch Signaling Is A Direct Determinant Of Keratinocyte Growth Arrest And Entry Into Differentiation," <i>The EMBO Journal</i> , vol. 20, no. 13, 3427-3436 (2001) XP-002200902.		
	BD	Schaidt et al., "Circulating Adhesion Molecules as Prognostic Factors for Cutaneous Melanoma," <i>Journal of the American Academy of Dermatology</i> , vol. 36, no. 2, 209-213 (1997) XP-001040574.		
	BE	Seiffert et al., "Presenilin-1 and -2 are Molecular Targets for Gamma-secretase Inhibitors," <i>Journal of Biological Chemistry, American Society of Biological Chemists</i> , vol. 275, no. 44, 34086-34091 (2000) XP-000974279.		
CUL	BF	Strooper et al., "A Presenilin-1-dependent Gamma-secretase-like Protease Mediates Release of Notch Intracellular Domain," <i>Nature</i> , vol. 398, no. 6727, 518-522 (1999) XP-001010555.		

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